

6E12

March 27, 2001

Re: 09/282,750 (US 5,617,094)
09/616,821 (US 5,781,043)

Dear Examiner Glick,

Attached are the requested litigation search results.

Several patent litigation and news databases were searched using Dialog, Lexis-Nexis and Questel-Orbit search systems.

No litigation information was found.

Thank you for using EIC2800!

Paul Schulwitz
308-6559
CP4-9C18

Schulwitz, Paul (Signal)

From: Glick, Ed
Sent: Saturday, March 24, 2001 4:12 PM
To: STIC-EIC2800
Cc: Cunningham, Terry
Subject: Litigation search

Please perform a litigation search on US patent number 5,781,043 for placement in reissue application number 09/616,821.

Thanks,

Ed Glick
Special Programs Examiner TC-2800
(703) 308-4858
Ed.Glick@uspto.gov

1/39/2

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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12090523

Basic Patent (No,Kind,Date): EP 627817 A1 19941207 <No. of Patents: 006>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
DE 69417622	C0	19990512	DE 69417622	A	19940428	
DE 69417622	T2	19990909	DE 69417622	A	19940428	
EP 627817	A1	19941207	EP 94303084	A	19940428	(BASIC)
EP 627817	B1	19990407	EP 94303084	A	19940428	
JP 7078481	A2	19950320	JP 9492324	A	19940428	
US 5781043	A	19980714	US 932930	A	19970918	

Priority Data (No,Kind,Date):

US 56301 A 19930430
US 932930 A 19970918
US 606233 B1 19960223
US 56301 B1 19930430

PATENT FAMILY:

GERMANY (DE)

Patent (No,Kind,Date): DE 69417622 C0 19990512

SPANNUNGSKOMPARATOR MIT EINER SUMMIERUNG VON AUF DEM BANDGAP-PRINZIP
BERUHENDEN GLEICHSTROEMEN UND DIESEN ENTHALTENDER
VERSORGUNGSSPANNUNGSSCHALTER (German)

Patent Assignee: ST MICROELECTRONICS INC (US)

Author (Inventor): SLEMMER WILLIAM CARL (US)

Priority (No,Kind,Date): US 56301 A 19930430

Applic (No,Kind,Date): DE 69417622 A 19940428

IPC: * H03K-017/30; H03K-005/22; H03K-005/24

Derwent WPI Acc No: * G 95-008316

Language of Document: German

Patent (No,Kind,Date): DE 69417622 T2 19990909

SPANNUNGSKOMPARATOR MIT EINER SUMMIERUNG VON AUF DEM BANDGAP-PRINZIP
BERUHENDEN GLEICHSTROEMEN UND DIESEN ENTHALTENDER
VERSORGUNGSSPANNUNGSSCHALTER (German)

Patent Assignee: STMICROELECTRONICS (US)

Author (Inventor): SLEMMER WILLIAM CARL (US)

Priority (No,Kind,Date): US 56301 A 19930430

Applic (No,Kind,Date): DE 69417622 A 19940428

IPC: * H03K-017/30; H03K-005/22; H03K-005/24

Derwent WPI Acc No: * G 95-008316

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69417622 P 19990512 DE REF CORRESPONDS TO (ENTSPRICHT)

			EP 627817 P 19990512	
DE 69417622	P	19990909	DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69417622	P	20000504	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOEBEN WURDE)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 627817 A1 19941207
DIRECT CURRENT SUM BANDGAP VOLTAGE COMPARATOR. (English; French;
German)

Patent Assignee: SGS THOMSON MICROELECTRONICS (US)

Author (Inventor): SLEMMER WILLIAM CARL (US)

Priority (No,Kind,Date): US 56301 A 19930430

Applic (No,Kind,Date): EP 94303084 A 19940428

Designated States: (National) DE; FR; GB; IT

IPC: * H03K-005/22; H03K-005/24

Derwent WPI Acc No: * G 95-008316; G 95-008316

Language of Document: English

Patent (No,Kind,Date): EP 627817 B1 19990407

VOLTAGE COMPARATOR WITH BANDGAP BASED DIRECT CURRENT SUMMING AND POWER
SUPPLY SWITCH USING IT (English; French; German)

Patent Assignee: ST MICROELECTRONICS INC (US)

Author (Inventor): SLEMMER WILLIAM CARL (US)

Priority (No,Kind,Date): US 56301 A 19930430

Applic (No,Kind,Date): EP 94303084 A 19940428

Designated States: (National) DE; FR; GB; IT

IPC: * H03K-017/30; H03K-005/22; H03K-005/24

Derwent WPI Acc No: * G 95-008316

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 627817 P 19930430 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 627817 P 19940428 EP AE US 56301 A 19930430
EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)

EP 627817 P 19941207 EP AK EP 94303084 A 19940428
DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 627817 P 19941207 EP A1 DE FR GB IT
PUBLICATION OF APPLICATION
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
ANMELDUNG MIT RECHERCHENBERICHT)

EP 627817 P 19950712 EP 17P REQUEST FOR EXAMINATION
FILED (PRUEFUNGSANTRAG GESTELLT)
950513

EP 627817 P 19970102 EP 17Q FIRST EXAMINATION REPORT
(ERSTER PRUEFUNGSBESCHIED)
961114

EP 627817 P 19990224 EP RAP3 APPLICANT (CORRECTION)
(ANMELDER (KORR.))
STMICROELECTRONICS, INC.

EP 627817 P 19990407 EP AK DESIGNATED CONTRACTING
STATES MENTIONED IN A PATENT SPECIFICATION:
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
VERTRAGSSTAATEN)

EP 627817 P 19990407 EP B1 DE FR GB IT
PATENT SPECIFICATION
(PATENTSCHRIFT)

EP 627817 P 19990512 EP REF CORRESPONDS TO:
(ENTSPRICHT)

EP 627817 P 19990806 EP ET DE 69417622 P 19990512
FR: TRANSLATION FILED (FR:

EP 627817 P 20000329 EP 26N NO OPPOSITION FILED (KEIN
EINSPRUCH EINGELEGT)
TRADUCTION A ETE REMISE)

JAPAN (JP)

Patent (No,Kind,Date): JP 7078481 A2 19950320
DIRECT-CURRENT SUM BAND-GAP VOLTAGE COMPARATOR (English)
Patent Assignee: SGS THOMSON MICROELECTRONICS
Author (Inventor): UIRIAMU EI SUREMAA
Priority (No,Kind,Date): US 56301 A 19930430
Applic (No,Kind,Date): JP 9492324 A 19940428
IPC: * G11C-011/413; G05F-003/24; G05F-003/30
Derwent WPI Acc No: * G 95-008316
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5781043 A 19980714
DIRECT CURRENT SUM BANDGAP VOLTAGE COMPARATOR (English)
Patent Assignee: SGS THOMSON MICROELECTRONICS (US)
Author (Inventor): SLEMMER WILLIAM CARL (US)
Priority (No,Kind,Date): US 932930 A 19970918; US 606233 B1
19960223; US 56301 B1 19930430
Applic (No,Kind,Date): US 932930 A 19970918
National Class: * 327078000; 327077000; 327361000; 327539000;
327541000; 327542000; 327543000
IPC: * H03K-005/22
Derwent WPI Acc No: * G 95-008316
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5781043	P	19930430	US AA	PRIORITY
		US 56301	B1	19930430
US 5781043	P	19960223	US AA	PRIORITY
		US 606233	B1	19960223
US 5781043	P	19970918	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
		US 932930	A	19970918
US 5781043	P	19980714	US A	PATENT
US 5781043	P	20000829	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)
				20000714

Source: All Sources : Area of Law - By Topic : Patent Law : Patents : U.S. Patents : Utility PatentsTerms: **patno is 5781043** ([Edit Search](#))

Pat. No. 5781043, ***5,781,043**◆ GET 1st DRAWING SHEET OF 2

Jul. 14, 1998

Direct current sum bandgap voltage comparator

REISSUE: Reissue Application filed Jul. 14, 2000 (O.G. Aug. 29, 2000) Ex. Gp.: 2816; Re. S.N. 09/616,821**INVENTOR:** Slemmer, William Carl, Dallas, Texas**ASSIGNEE-AT-ISSUE:** SGS-Thomson Microelectronics, Inc., Carrollton, Texas (02)**APPL-NO:** 932,930**FILED:** Sep. 18, 1997**REL-US-DATA:**

Continuation of Ser. No. 606,233, Feb. 23, 1996 now abandoned Which is a continuation of Ser. No. 56,301, Apr. 30, 1993 now abandoned

INT-CL: [6] H03K 5#22**US-CL:** 327#78; 327#77; 327#361; 327#539; 327#541; 327#542; 327#543**CL:** 327**SEARCH-FLD:** 327#74, 77, 78, 530, 538, 540, 541, 543, 545, 546, 361, 539, 542**REF-CITED:****U. S. PATENT DOCUMENTS**

4,473,758	9/1984	*	Huntington	327#537
4,556,804	12/1985	*	Dewitt	327#541
4,617,473	10/1986	*	Bingham	327#85
4,806,789	2/1989	*	Sakihama et al.	327#437
4,958,123	9/1990	*	Hughes	327#546
5,111,071	5/1992	*	Kwan et al.	327#77
5,272,393	12/1993	*	Horiguchi et al.	327#535
5,373,227	12/1994	*	Keeth	327#541

PRIM-EXMR: Cunningham, Terry**LEGAL-REP:** Galanthay; Theodore E.

Hill; Kenneth C.


Jorgenson; Lisa K.

CORE TERMS: voltage, transistor, power supply, node, summing, mirror, comparator, bandgap, equation, resistor, direct current, zero, indicator, constant, secondary, threshold, flowing, supplied,

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Questel-Orbit:

1/1 LGST - (C) LEGSTAT

PN - US 5781043 [US5781043]

AP - US 932930/97 19970918 [1997US-0932930]

DT - US-P

ACT - 19970918 US/AE-A

APPLICATION DATA (PATENT)

{US 932930/97 19970918 [1997US-0932930]}

- 19980714 US/A

PATENT

- 20000829 US/RF

REISSUE APPLICATION FILED

20000714

UP - 2000-35

1/1 PAST - (C) PAST

AN - 200035-001086

PN - 5781043 A [US5781043]

DT - A (UTILITY)

OG - 2000-08-29

CO - REA

ACT - REISSUE APPLICATION FILED

SH - REISSUE APPLICATION FILED

1/1 CRXX - (C) CLAIMS/RRX

AN - 3010567

PN - 5,781,043 A 19980714 [US5781043]

PT - E (Electrical)

PA - SGS-Thomson Microelectronics Inc

ACT - 20000714 REISSUE REQUESTED

Issue Date of O.G.: 20000829

Reissue Request Number: 09/616821

Examination Group responsible for Reissue process: 2816

UP - 2000-35

UACT- 2000-08-29



Creation date: 01-12-2004
Indexing Officer: CDAVIS8 - CHLOE DAVIS
Team: OIPEBackFileIndexing
Dossier: 09616821

Legal Date: 03-28-2001

No.	Dccode	Number of pages
1	CTNF	7
2	892	1
3	1449	1

Total number of pages: 9

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